

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	688	watermark near2 (tamper\$3 or verif\$7 or authenticat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:15
S2	191	(extract\$3 or detect\$4) with watermark near2 (tamper\$3 or verif\$7 or authenticat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:23
S3	1	S2 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 08:32
S4	4	S1 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:01
S5	36333	steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or informaiton) near4 (hid\$4 or embed\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:24
S6	177	(extract\$3 or detect\$4) with S5 near2 (tamper\$3 or verif\$7 or authenticat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:23
S7	0	S6 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:23
S8	722	S5 near2 (tamper\$3 or verif\$7 or authenticat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:23

## EAST Search History

S9	1	S8 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 18:37
S10	9176	(counterfeit\$4 or fraud\$5) same (document or image or money or paper or bill)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:27
S11	1036	S10 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:28
S12	2393	(counterfeit\$4 or fraud\$5) same (document or image or money or paper or bill) same (read\$3 or scan\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:27
S13	263	S12 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:28
S14	0	S13 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:28
S15	1	S13 and (pixel near2 (count\$3 or density))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 12:40
S16	109	pixel near (count\$3 or number or density) same (authentic\$7 or verif\$6 or counterfeit\$3 or fraud\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 08:30

## EAST Search History

S17	3	S16 and (382/135 or 382/137 or 382/138).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:24
S18	709	(382/135 or 382/137 or 382/138).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:28
S19	169	S18 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:30
S20	54	S19 and (authentic\$7 or verif\$6 or counterfeit\$3 or fraud\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:31
S21	862	(382/135 or 382/137 or 382/138 or 382/139 or 382/140).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:25
S22	39	S21 and tamper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:30
S23	216	S21 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:30
S24	0	S23 and tamper\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:30

## EAST Search History

S25	61	S23 and (authentic\$7 or verif\$6 or counterfeit\$3 or fraud\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:31
S26	33	S25 and (hid\$3 or embed\$4 or watermark\$4 or encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 17:48
S27	36333	steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or informaiton) near4 (hid\$4 or embed\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:24
S28	1468	S27 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:36
S29	862	(382/135 or 382/137 or 382/138 or 382/139 or 382/140).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:12
S30	0	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:25
S31	58	S28 and (authenticat\$6 or tamper\$4 or counterfeit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:26
S32	4666	(hid\$3 or embed\$4 or watermark\$3) same (scan\$4 or read\$3 or hard\$copy) same (authenticat\$4 or counterfeit\$3 or fraut or valid\$5 or verif\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:35

## EAST Search History

S33	5055	(hid\$3 or embed\$4 or watermark\$3) same (scan\$4 or read\$3 or hard\$copy) same (authenticat\$4 or counterfeit\$3 or fraut or valid\$5 or verif\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:35
S34	180	S33 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/04 21:36
S35	5362	(counterfeit\$3 or tamper\$3 or authenticat\$5 or verificat\$5) same (correspondence or compar\$5 or match\$3) same (extract\$4 or embed\$4 or hid\$3 or watermark\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:01
S36	1439	(counterfeit\$3 or tamper\$3 or authenticat\$5 or verificat\$5) same (correspondence or compar\$5 or match\$3) same (extract\$4 or embed\$4 or hid\$3 or watermark\$3) same (imag\$3 or picture or frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:01
S37	31	S36 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:12
S38	862	(382/135 or 382/137 or 382/138 or 382/139 or 382/140).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:12
S39	216	S38 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:12
S40	46	S39 and (counterfeit\$3 or tamper\$3 or verificat\$5 or authenticat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:23

## EAST Search History

S41	58	S39 and (counterfeit\$3 or tamper\$3 or verificat\$5 or authenticat\$5 or validat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:31
S42	58	S39 and (counterfeit\$3 or tamper\$3 or verificat\$5 or authenticat\$5 or validat\$3 or forgery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 10:31
S43	4	"4423415".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 20:27
S44	2	"5671277".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 22:20
S45	2	"4837737".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 22:21

## EAST Search History

S46	31	US-4827737-\$.DID. OR US-1002600-\$.DID. OR US-2004104-\$.DID. OR US-3784289-\$.DID. OR US-4668597-\$.DID. OR US-4739377-\$.DID. OR US-4847641-\$.DID. OR US-5212558-\$.DID. OR US-5216724-\$.DID. OR US-5231663-\$.DID. OR US-5225681-\$.DID. OR US-5243655-\$.DID. OR US-5245655-\$.DID. OR US-5257110-\$.DID. OR US-5209026-\$.DID. OR US-5215098-\$.DID. OR US-5327361-\$.DID. OR US-5374976-\$.DID. OR US-5418602-\$.DID. OR US-5424807-\$.DID. OR US-5426710-\$.DID. OR US-5481277-\$.DID. OR US-5429158-\$.DID. OR US-5583614-\$.DID. OR US-5640253-\$.DID. OR US-5671277-\$.DID. OR US-5721788-\$.DID. OR US-5987127-\$.DID. OR US-6166750-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 22:33
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## EAST Search History

S47	31	US-4827737-\$.DID. OR US-1002600-\$.DID. OR US-3004104-\$.DID. OR US-3784289-\$.DID. OR US-4668597-\$.DID. OR US-4739377-\$.DID. OR US-4847641-\$.DID. OR US-5212558-\$.DID. OR US-5216724-\$.DID. OR US-5231663-\$.DID. OR US-5225681-\$.DID. OR US-5243655-\$.DID. OR US-5245655-\$.DID. OR US-5257110-\$.DID. OR US-5209026-\$.DID. OR US-5215098-\$.DID. OR US-5327361-\$.DID. OR US-5374976-\$.DID. OR US-5418602-\$.DID. OR US-5424807-\$.DID. OR US-5426710-\$.DID. OR US-5481277-\$.DID. OR US-5429158-\$.DID. OR US-5583614-\$.DID. OR US-5640253-\$.DID. OR US-5671277-\$.DID. OR US-5721788-\$.DID. OR US-5987127-\$.DID. OR US-6166750-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 22:34
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## EAST Search History

S48	31	US-4837737-\$.DID. OR US-1002600-\$.DID. OR US-3004104-\$.DID. OR US-3784289-\$.DID. OR US-4668597-\$.DID. OR US-4739377-\$.DID. OR US-4847641-\$.DID. OR US-5212558-\$.DID. OR US-5216724-\$.DID. OR US-5231663-\$.DID. OR US-5225681-\$.DID. OR US-5243655-\$.DID. OR US-5245655-\$.DID. OR US-5257110-\$.DID. OR US-5209026-\$.DID. OR US-5215098-\$.DID. OR US-5327361-\$.DID. OR US-5374976-\$.DID. OR US-5418602-\$.DID. OR US-5424807-\$.DID. OR US-5426710-\$.DID. OR US-5481277-\$.DID. OR US-5429158-\$.DID. OR US-5583614-\$.DID. OR US-5640253-\$.DID. OR US-5671277-\$.DID. OR US-5721788-\$.DID. OR US-5987127-\$.DID. OR US-6166750-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 22:34
S49	2	"6738491".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 22:38
S50	2	"5363202".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/08 22:38
S51	18	(forge\$3 or counterfeit\$3 or counter adj feit\$3) same extract\$3 same (read\$3 or scan\$4) same (image) same (location or position or place)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:41
S52	42	(forge\$3 or counterfeit\$3 or counter adj feit\$3) and (embed\$3 or watermark\$3 or hid\$3 or steganograph\$3) same (plural\$3 near2 (location or position or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:42

## EAST Search History

S53	51	(forge\$3 or counterfeit\$3 or counter adj feit\$3 or fake) and (embed\$3 or watermark\$3 or hid\$3 or steganograph\$3) same (plural\$3 near2 (location or position or place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:46
S54	2	"5671277".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:45
S55	1513	rhoods.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:48
S56	169	S55 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:52
S57	8	S56 and (watermark\$3 or steganograph\$3 or embed\$4 or hid\$3 or encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:49
S58	1934	(money or document or bill) same (scan\$4 or read\$3) same (counterfeit\$3 or fake or counter adj feit\$3 or forge\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:52
S59	230	S58 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:52
S60	151	S59 and (imag\$3 or pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:53

## EAST Search History

S61	1	S60 and ((pixel or dot) same count\$3 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:58
S62	11	S60 and ((pixel or dot) same (sum or amount or number) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/26 14:58
S63	2	"5457540".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 08:28
S64	234	(money or bill or document) same (counterfeit\$3 or count adj feit\$3 or forg\$3 or fake) and (watermark\$3 or embed\$3 or hid\$3 or encod\$3) same (plural\$3 or two or more or many) near2 (location or place or placement or coordinat\$3 or position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 09:23
S65	9	S64 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/29 09:24
S66	3	"6501515".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 13:16
S67	6834	(steganograph\$3 or watermark\$3) and (bill or money or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 13:51
S68	171	S67 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/29 13:55

## EAST Search History

S69	97	S68 and (counterfeit\$3 or counter adj feit\$3 or forg\$3 or fake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:04
S70	93	S68 and (authentic\$6 or verif\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:04
S71	38	S70 and (embed\$3 or hid\$3 or extract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:09
S72	25	S71 and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:11
S73	161	(scan\$3 or read\$3 or imag\$3) same (extract\$3) same (forg\$3 or counterfeit\$3 or counter adj feit\$3 or fake) same (embed\$4 or watermark\$3 or encod\$3 or steganograph\$3 or (additional adj data))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:36
S74	32	(scan\$3 or read\$3 or imag\$3) same (extract\$3) same (forg\$3 or counterfeit\$3 or counter adj feit\$3 or fake) same (hid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:35
S75	43	(copy\$3 or copier) same (extract\$3) same (forg\$3 or counterfeit\$3 or counter adj feit\$3 or fake) same (embed\$4 or watermark\$3 or encod\$3 or steganograph\$3 or (additional adj data) or hid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:36
S76	40110	steganograph\$4 or ((digital\$4 or electronic) near4 watermark\$4) or ((data or informaiton) near4 (hid\$4 or embed\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 18:37

## EAST Search History

S77	1470	S76 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 18:37
S78	1174	S77 and (copier or copy\$3 or scan\$3 or read\$3 or imag\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:45
S79	10	S77 and ((copier or copy\$3 or scan\$3 or read\$3 or imag\$3) same (forg\$3 or counterfeit\$3 or fak\$3 or counter adj feit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:50
S80	286	S77 and (copier or copy\$3 or scan\$3 or read\$3) same (imag\$3 or picture or photo or photograph\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:46
S81	15	S77 and (copier or copy\$3 or scan\$3 or read\$3 or imag\$3 or picture or photo or photograph\$3) same (fak\$3 or counterfeit\$3 or counter adj feit\$3 or forg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:47
S82	17	S77 and (copier or copy\$3 or scan\$3 or read\$3 or imag\$3 or picture or photo or photograph\$3) same (fak\$3 or counterfeit\$3 or counter adj feit\$3 or forg\$3 or fraud\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:47
S83	40	S77 and (forg\$3 or counterfeit\$3 or fak\$3 or counter adj feit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 18:50

## EAST Search History

S84	66	("4,837,737" "1,002,600" "3,004,104" "3,784,289" "4,668,597" "4,739,377" "4,847,641" "5,212,558" "5,216,724" "5,231,663" "5,235,681" "5,243,655" "5,245,655" "5,257,119" "5,299,026" "5,315,098" "5,337,361" "5,374,976" "5,418,602" "5,424,807" "5,426,710" "5,481,377" "5,489,158" "5,583,614" "5,640,253" "5,671,277" "5,721,788" "5,987,127" "6,166,75").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/07 23:30
S85	12	(pixel near (count\$3 or number or density) same (authentic\$7 or verif\$6 or counterfeit\$3 or fraud\$5)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 08:30
S86	223	((watermark\$3 or (additional adj (data or information))) same (position or set) same (compar\$5 or match\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 08:32
S87	11	S86 and @ad<"19920630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/08 08:32
S88	2	"5457540".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:47
S89	5	"5301380"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:52
S90	0	jp near "301380"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 20:52